

User Experience Breakout Session



Potential action items:

- Improving/fostering industrial collaborations
- Training reciprocity at user facilities
- Improving communication between User Organizations
- Improving physical access: foreign visits and assignments



Improving/fostering industrial collaborations

Identify barriers to industrial participation

- ▶ ACT - an interpretation issue? (Ben - clarify restrictions)
- ▶ Full cost recovery for proprietary research
- ▶ CRADA approval process is cumbersome
- ▶ Raising awareness of User Facilities to industry
- ▶ Export controls

Identify Benefits of industrial collaboration

- ▶ Result in advanced capabilities for facilities and users - technology advancement
- ▶ Be very mindful of sponsor perspective

Industrial representation on PRBs

Benchmark international best practices for Industrial Partnerships

Define metrics to measure productivity of industrial partnerships

- ▶ Survey to
 - ▶ assess \$\$\$ raised through collaborative research
 - ▶ Job creation based on the applied research
 - ▶ Grants which directly lead to jobs
 - ▶ Count interactions
- ▶ Counting patents like publications filed vs. awarded
- ▶ First step: raise the issue of metrics by UECs to facility sponsors
 - ▶ Create a statement on the mission of industry interactions
 - ▶ WHO: Facility leadership/UEC chairs

Incentive to work with industry vs. improving access for proposed research

▶ Action items

- ▶ ACT - an interpretation issue? (Ben - clarify restrictions)
- ▶ Facility leadership/UEC chairs conversation about industrial partnerships - pre- and post-survey
- ▶ Potential item: hold a workshop on the topic depending on responses re: survey
- ▶ Survey communities about benefits and roadblocks of industrial partnerships
 - ▶ UEC
 - ▶ Facilities directors
 - ▶ Users
 - ▶ Written and issued by SSURF
- ▶ SSURF member attend Molecular Foundry Meeting in Aug 11-12 POC: Mary Scott
- ▶ Contribute to best practices (David Skinner)

Training reciprocity at user facilities

Reciprocity safety training - centralized training

Possibility of unique ID to a researcher for a consolidated database

- ▶ Foreign visits and assignments

Which training will be reciprocal across the DOE?

Master Database?

- ▶ Who manages the database?
- ▶ Who pays for it?

Centralized training

- ▶ How do we get access?

Crossover matrix -

- ▶ users benefit from reduced redundancy
- ▶ Facilities benefit from reduced training
- ▶ Use as basis for cost analysis (time and \$\$\$)

▶ Action items

- ▶ Small working group/white paper for labora COOs
 - ▶ Coordinate (SSURF)
 - ▶ Crossover matrix (Ben/Miram)
 - ▶ Problem statement (SSURF)
 - ▶ Cost analysis (Kim et al.)
 - ▶ White paper (Quintana)
- ▶ Establish a workshop to discuss issues
 - ▶ Implementation
 - ▶ Training
 - ▶ Identification (ORCID ID/Federated systems)
 - ▶ Requirements
 - ▶ Liability
 - ▶ Compliance
 - ▶ Sustainability

Improving communication between User Organizations

Improve sharing of best practices between UOs

Repository

- ▶ Surveys
- ▶ User meeting agendas
- ▶ Training, toolkits, and guidelines

Annual teleconference between UEC Chairs

How to better engage users?

Best practices of user meetings

- ▶ Diversity
- ▶ Cross-cultural communication

Shared calendar

▶ Action items

- ▶ Establish and maintain repository (Susan W-D)
- ▶ Raise awareness of NUFO calendar of events
 - ▶ Improve functionality
 - ▶ Ability to subscribe
 - ▶ Linked to items
 - ▶ Creating website development point/collaboration portal
- ▶ Small breakout session added to agenda of NUFO/SSURF annual meeting for UEC Chairs
 - ▶ Annual DC visit
- ▶ POC
 - ▶ Justin Frantz (Ohio U.)
 - ▶ Tyler Troy (LBL/ALS)
 - ▶ Mary Scott (Molecular Foundry)

Improving physical access: foreign visits and assignments

Issues

- ▶ Approval process requires information that is not available (at the current time)
- ▶ **Lead time** is very long
- ▶ Uncertainty of the process is highly unappealing (lost opportunity)
- ▶ Applies to government facilities and source of support
- ▶ Scheduling is difficult (due to uncertainty); can lead to disruptions

▶ Action Items

- ▶ Foreigners taxed on travel - considered a benefit (Amanda will provide resources)
- ▶ Survey about physical access issues by international population (SSURF)